Clean, Green and Sustainable: Lower-Energy Desalination and Membrane Regeneration

1 July 2012, 8:30 am - 6.00 pm
Sands Expo and Convention Center, Marina Bay Sands

Exchange Ideas with Membrane Technology Experts on Sustainable Membrane Technology at Singapore International Water Week

Jointly organised by King Abdullah University of Science and Technology (KAUST), University of New South Wales (UNSW), Nanyang Technological University (NTU) and PUB, this workshop seeks to let the participants to gain insight into the key sustainability issues in membrane technology, including energy utilisation and material regeneration/reuse.

The full-day programme that features:

• **Morning session** on "Low Energy Desalination"
• **Joint Publicity Events**
  - KAUST-PUB MoU signing ceremony
  - Launch of the Coalition for Sustainable Membrane Management
• **Afternoon session** on "How to manage the world's growing inventory of used membrane modules?"
• **Panel Discussion** on "The Way Forward for Desalination as a Sustainable and Green Technology"

The first-half of the workshop will focus on improved existing and new emerging, lower energy technologies for seawater/brackish water desalination, including forward osmosis (FO), membrane distillation (MD), adsorption desalination (AD), and membrane desalination cells (MDC). The second half of the workshop will focus on the regeneration/reuse of membrane materials and lower chemical use and waste production.

Also join in the signing of Memorandum of Understanding between KAUST and PUB and the launch of the Coalition for Sustainable Membrane Management, consisting of industry organisations humanitarian, not-for-profit groups, universities and water utilities.

**IMPORTANT NOTES**

Registration is FREE but prior registration is required.

Limited seats are available, so please register early to secure a seat.

**The speakers for this workshop includes:**

- Gary Amy
- Greg Leslie
- Tony Fane
- Joseph Jacangelo
- Neal (Tai-Shung) Chung
- Samer Adham
- Kim Choon Ng
- Bruce Logan
- Rhett Butler
- Ian Kiernan (TBC)
- David Maina
- Marlene Cran
- Tom Pankratz (moderator)
Who should sign up?

This workshop is a platform for policymakers, industry leaders and experts, water utilities, universities and research organizations who are interested in sustainability issues related to membrane and desalination technologies to come together to discuss and exchange ideas.

For the full program, please visit http://siww.com.sg/colocated2012-workshops.

For registration, please send your particulars (Salutation, Name, Country, Organisation, Email, Contact number) to CGS_workshop_reg@ntu.edu.sg

For any enquires, do contact Mr Kwok Yuan Li at kwok_yuan_li@pub.gov.sg